



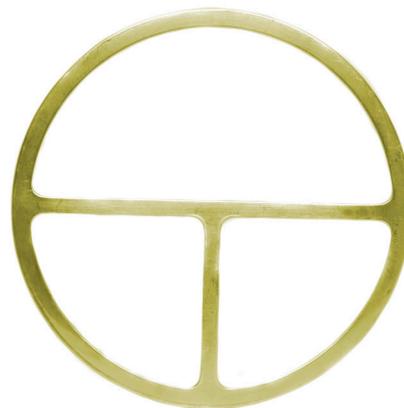
# Metal Jacketed Gasket Technical Datasheet

## Description

Metal jacketed gaskets consist of a soft, pliable core encased in a thin metallic jacket. The soft filler material provides compressibility and resilience to the gasket, while the outer jacket confers the necessary compressive strength and blow out resistance for higher pressure applications.

## Application

Metal jacketed gaskets can be produced in a variety of configurations and in narrow widths, making them suitable for pressure vessel applications. A wide range of alloy materials and filler systems are available to suit every service condition. As well as vessel applications, jacketed gaskets can be used in valve bonnets, pumps, autoclaves and engine and exhaust systems.



## Profiles



**PM-P6**  
Double jacketed filled metal clad



**PM-P8**  
Single jacketed filled metal clad



**PM-P12**  
Corrugated Double jacketed filled metal clad

**Other Profiles** Available on request

## Availability

**Thickness** 3mm as standard, other thicknesses on request

**Standards** Non standard configurations and bespoke ASME B16.20, ASME B16.47 Series A & B

## Flange Surface Finish

The recommended a flange surface finish of 3.2 to 6.4µm RA (125 to 200RMS)

## Filler Material

Material	Temperature Min. (°C)	Temperature Max. (°C)	Pressure Max. (Bar)
Graphite	-200	450	100
APX2 Graphite	-200	500	100
PTFE	-200	260	100

## Jacket Material

Available in a range of alloys including but not limited to

Material	Material
Soft Iron	Alloy 600
304/304L	Alloy 625
316/316L	Alloy 800
321	Alloy 825
347	Monel 400
410	Alloy B2
S31803	Alloy C276
S32726	Titanium

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